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PTO/SB/05 (12/97)  
Approved for use through 09/03/00. OMB 0651-0032  
Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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<b>UTILITY</b> <b>PATENT APPLICATION</b> <b>TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	SN0197CIP	Total Pages	3
	First Named Inventor or Application Identifier			
	William D. Gentry			
	Express Mail Label No.	EL195844047US		

36511 U.S. PTA  
09/280152  
03/26/99

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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| 1. <input checked="" type="checkbox"/> Fee Transmittal Form<br><i>(Submit an original, and a duplicate for fee processing)</i><br>2. <input checked="" type="checkbox"/> Specification [Total Pages 60]<br><i>(preferred arrangement set forth below)</i><br>- Descriptive title of the Invention<br>- Cross References to Related Applications<br>- Statement Regarding Fed sponsored R & D<br>- Reference to Microfiche Appendix<br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings <i>(if filed)</i><br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>3. <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> [Total Sheets 11]<br>4. Oath or Declaration [Total Pages 4]<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i><br><i>[Note Box 5 below]</i><br>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u><br>Signed statement attached deleting Inventor(s) named in the prior application, see 37 CFR 1.63(d) and 1.33 (b).<br>5. <input type="checkbox"/> Incorporation By Reference <i>(usable if Box 4b is checked)</i><br>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being a part of the disclosure of the accompanying application and is hereby incorporated by reference therein. | 6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i><br>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i><br>a. <input type="checkbox"/> Computer Readable Copy<br>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br>c. <input type="checkbox"/> Statement verifying identity of above copies |
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**ACCOMPANYING APPLICATION PARTS**

- |   |
|---|
| 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))  |
| 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>         |
| 10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>  |
| 11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations                         |
| 12. <input type="checkbox"/> Preliminary Amendment  |
| 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEM 503) <i>(Should be specifically itemized)</i>                                   |
| 14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign Priority is claimed)</i>   |
| 16. <input type="checkbox"/> Other: _____   |

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09/218,808

**18. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label

*(Insert Customer No. or Attach bar code label here)*

or ☒ Correspondence address below


NAME	Steven B. Phillips					
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CITY	Research Triangle Park	STATE	NC	ZIP CODE	27709-3828	
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of Time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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<b>FEE TRANSMITTAL</b>  Note: Effective October 1, 1997, Patent fees are subject to annual revision.		<b>Complete if Known</b>		
		Application Number		
		Filing Date		
		First Named Inventor	Gentry	
		Group Art Unit		
		Examiner Name		
<b>TOTAL AMOUNT OF PAYMENT</b>	(\$)	1474	Attorney Docket Number	SN0197CIP

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>						
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit and over payment to: Deposit Account Number <b>50-0210</b> Deposit Account Name _____ <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee in 37 CFR 1.18 at the Mailing of the Notice of Allowance		3. ADDITIONAL FEES						
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other								
<b>FEE CALCULATION</b>								
1. FILING FEE								
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid			
101	790	201	395	Utility filing fee	760			
106	330	206	165	Design filing fee				
107	540	207	270	Plant filing fee				
108	790	208	395	Reissue filing fee				
114	150	214	75	Provisional filing fee				
<b>SUBTOTAL (1)</b>				(\$)	760			
2. CLAIMS								
Total Claims	51	-20 =	31	X	18	=	558	
Independent Claims	5	-3 =	2	X	78	=	156	
Multiple Dependent Claims				X		=		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid			
103	22	303	11	Claims in excess of 20				
102	82	202	41	Independent claims in excess of 3				
104	270	204	135	Multiple dependent claim				
109	82	209	41	Reissue independent claims over original patent				
110	22	210	11	Reissue claims in excess of 20 and over original patent				
<b>SUBTOTAL (2)</b>				(\$)	714			
		3. ADDITIONAL FEES						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid			
105	130	205	65	Surcharge - late filing fee or oath				
127	50	227	25	Surcharge - late provisional filing fee or cover sheet				
139	130	139	130	Non-English specification				
147	2520	147	2520	For filing a request for reexamination				
112	920*	112	920*	Requesting publication of SIR prior to Examiner action				
113	1840*	113	1840*	Request publication of SIR after Examiner action				
115	110	215	55	Extension for reply within first month				
116	400	216	200	Extension for reply within second month				
117	950	217	475	Extension for reply within third month				
118	1510	218	755	Extension for reply within fourth month				
128	2060	228	1030	Extension for reply within fifth month				
119	310	219	155	Notice of Appeal				
120	310	220	155	Filing a Brief in support of an appeal				
121	270	221	135	Request for oral hearing				
138	1510	138	1510	Petition to institute a public use proceeding				
140	110	240	55	Petition to revive - unavoidable				
141	1320	241	660	Petition to revive- unintentional				
142	1320	242	660	Utility issue fee (or reissue)				
143	450	243	225	Design issue fee				
144	670	244	335	Plant issue fee				
122	130	122	130	Petitions to the Commissioner				
123	50	123	50	Petitions related to provisional applications				
126	240	126	240	Submission of Information Disclosure Statement				
581	40	581	40	Recording each patent assignment per property (times number of properties)				
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))				
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))				
Other fee (specify) _____								
Other fee (specify) _____								
* Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3)</b> (\$)				

<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>	
Typed or Printed Name	Steven B. Phillips			Reg. No.	37,911
Signature		Date	3/26/99	Deposit Account User ID	

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**"EXPRESS MAIL CERTIFICATE"**

Express Mailing Label Number EL195844047US  
Date of Deposit March 26, 1999 I hereby certify  
that the accompanying Application is being  
deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service  
under 37 CFR 1.10 on the date indicated above  
and is addressed to the Assistant Commissioner  
for Patents, Washington, D. C. 20231.

Debra Quadrino

Debra Quadrino

